The Science of the Total Environment, 92 (1990) 302–303
Elsevier

Contents

Distribution of heavy metals in Gove Harbour, Northern Territory, Australia
N. Peerzada, L. McMorrow, S. Skiliros, M. Guinea and P. Ryan (Darwin, N.T., Australia) 1
The rise and fall of leaded gasoline
J.O. Nriagu (Burlington, Ont., Canada) 13
Priority ranking of chemicals for risk assessment
V. Zitko (St. Andrews, N.B., Canada). 29
Volatilization of selenium from agricultural evaporation pond sediments
U. Karlson and W.T. Frankenberger, Jr. (Riverside, CA, U.S.A.) 41
Pollution by the fungicide pentachloronitrobenzene in an intensive farming area in Japan
Y. Fushiwaki (Yokohama, Japan), N. Tase, A. Saeki (Tsukuba, Japan) and K. Urano (Yokohama, Japan) 55
Fate and effects of pulp mill chlorophenolic 4,5,6-trichloroguaiacol in a model brackish water ecosystem
A. Rosemarin, M. Notini (Karlskrona, Sweden), M. Söderström, S. Jensen and L. Landner (Stockholm, Sweden) 69
Model calculations on the transport and distribution of copper, cadmium and lead in a grass lysimeter approximating the total atmospheric deposition rate from experimental lysimeter data
B.D. Struck and P. Ostapczuk (Jülich, F.R.G.) 91
Trends in heavy metal levels in the dissolved and particulate phase in the Dutch Rhine–Meuse (Maas) Delta
J. Golimowski (Warsaw, Poland), A.G.A. Merks (Yerseke, The Netherlands) and P. Valenta (Jülich, F.R.G.) 113
Rainwater acidity at Jabiru, Australia, in the Wet season of 1983/84
R.W. Gillett, G.P. Ayers (Mordialloc, Vic., Australia) and B.N. Noller (Jabiru, N.T., Australia) 129
Urinary 1-hydroxypyrene as an indicator of human exposure to ambient polycyclic aromatic hydrocarbons in a coal-burning environment
Z.-H. Zhao, W.-Y. Quan and D.-H. Tian (Beijing, China) 145
Spatial and seasonal differences in the PCB content of the mussel *Mytilus edulis*
H. Hummel, R.H. Bogaards, J. Nieuwenhuize, L. de Wolf and J.M. van Liere (Yerseke, The Netherlands) 155
Environmental effects of crankcase- and mixed-lubrication
P. van Donkelaar (Essen, Belgium). 165
Soil organic matter chemistry. II. Effects of soil fulvic acids on the environmental photodecomposition of bromoxynil (3,5-dibromo-4-hydroxybenzonitrile) herbicide in water
J. Kochany (Winnipeg, Man., Canada), G.G. Choudhry (Windsor, Ont., Canada) and G.R.B. Webster (Winnipeg, Man., Canada) 181
Cadmium, copper, lead and zinc concentrations in human scalp and pubic hair
M. Wilhelm, F.K. Ohnesorge (Düsseldorf, F.R.G.) and D. Hötzel (Bonn, F.R.G.) 199
Selenium status of cancer patients in Greece
M.S. Bratakos (Patras, Greece), T.P. Vouterakos (Athens, Greece) and P.V. Ioannou (Patras, Greece) 207
The chemical composition of bulk precipitation across the mountains of Snowdonia, U.K.
B. Reynolds, T.G. Williams and P.A. Stevens (Bangor, U.K.). 223
Sulphate dynamics of podzols from paired impacted and pristine catchments
T.A.B. Walker, R.C. McMahon, A. Hepburn and R.C. Ferrier (Aberdeen, U.K.) 235

Mercury, cadmium and lead in eels and roach: The effects of size, season and locality on metal concentrations in flesh and liver
N.A.-E. Barak and C.F. Mason (Colchester, U.K.) 249
Mercury, cadmium and lead concentrations in five species of freshwater fish from eastern England
N.A.-E. Barak and C.F. Mason (Colchester, U.K.) 257
Determination of trace quantities of organotin compounds in coastal waters of Greece by graphite furnace atomic absorption spectrometry
K. Fytianos and V. Samanidou (Thessaloniki, Greece) 265
Studies of the complexation properties of aquatic humic material by differential pulse polarography
W. Lund, I.A. Helbak and H.M. Seip (Oslo, Norway) 269

Book Reviews 283
Announcements 298
Author Index 299
Subject Index 300